

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 039 718 A (NIEDOSPIAL JR JOHN J) 21 March 2000 (2000-03-21) column 2, lines 17-39; figures 3a,3b,4a,4b -----	1-7,9-11
Y	US 5 971 181 A (GABBARD TIMOTHY J ET AL) 26 October 1999 (1999-10-26) abstract column 1, lines 15-44 -----	1-7,9-11
Y	EP 1 029 526 A (BRACCO INT BV) 23 August 2000 (2000-08-23) paragraph '0003! -----	1-7,9-11
Y	EP 0 914 813 A (SHINSOZAI SOGO KENKYUSHO KK) 12 May 1999 (1999-05-12) paragraph '0027! -----	1-7,9-11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

17 November 2004

Date of mailing of the international search report

25/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lang, D

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 398 321 A (TERUMO CORP) 22 November 1990 (1990-11-22) the whole document -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2004/051377

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6039718	A	21-03-2000	US	6186997 B1	13-02-2001
			US	6019751 A	01-02-2000
			US	6287289 B1	11-09-2001
			CA	2262475 A1	20-01-2000
			EP	0974330 A2	26-01-2000
			JP	2000126307 A	09-05-2000
			CA	2259804 A1	20-07-1999
			EP	0930056 A2	21-07-1999
			JP	11253558 A	21-09-1999
			US	6179822 B1	30-01-2001
			US	6179823 B1	30-01-2001
			US	6241717 B1	05-06-2001
US 5971181	A	26-10-1999	US	5921419 A	13-07-1999
			CA	2262477 A1	16-11-1999
			DE	69919935 D1	14-10-2004
			EP	0960616 A2	01-12-1999
			JP	11321916 A	24-11-1999
			CA	2261897 A1	04-11-1999
			DE	69919262 D1	16-09-2004
			EP	0956849 A2	17-11-1999
			JP	11319031 A	24-11-1999
EP 1029526	A	23-08-2000	CA	2261428 A1	11-08-2000
			JP	2000237278 A	05-09-2000
			US	5902298 A	11-05-1999
			EP	1029526 A1	23-08-2000
			DE	69920160 D1	21-10-2004
EP 0914813	A	12-05-1999	JP	11128315 A	18-05-1999
			CN	1227739 A	08-09-1999
			EP	0914813 A2	12-05-1999
			US	6162205 A	19-12-2000
EP 0398321	A	22-11-1990	JP	2302260 A	14-12-1990
			JP	2923302 B2	26-07-1999
			AU	620515 B2	20-02-1992
			DE	69011197 D1	08-09-1994
			DE	69011197 T2	08-12-1994
			EP	0398321 A2	22-11-1990
			US	5122126 A	16-06-1992